

Week 7 – Math 170

Problems of the week.

1) If  $x = 5^2$ , then  $x^x = ?$

a)  $5^5$       b)  $5^{25}$       c)  $5^{50}$       d)  $5^{125}$

2) Solve for  $y$ :  $\sqrt{8}^{\sqrt{24-\sqrt{y}}} = 64$